



The Blurb



Newsletter of The Phil-Mont Mobile Radio Club
Public Service Since 1949

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March 2002



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The Blurb is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. **Copying and quoting** is permitted with a credit line. We gladly exchange publications with other amateur radio clubs. Requests should be sent to the Editor. **Subscriptions** are available to non-members for \$10, addressed to the Treasurer.

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Labels and mailing: **WB3KOJ & WB3KOH**

Send **address and club directory changes** to wb3koj@comcat.com

Submissions deadline: all copy must be in the hands of the Editors by the 20th of the previous month.

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Audit: NS3K
Awards: W3WF
Blurb folding: WB3KOJ & WB3KOH
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DX: N3MT

Emerg. Coord.: N3XKE
Field Day: WU3I
Internet: WU3I
Membership: W3LEN
Net Control: KB3IV
Publicity: W3RM
Program: Club VP
Public Service: W3CH & W3WF

Refreshments: W3AOK
Repeater: W3BBB
Skywarn: WX3PHI
Sunshine: WU3I
Youth: N3MT
TVI: W3VVS
VE Program: ND3Q
W3AA Trustee: WU3I
Welcome: K3CJ.

Directors:

**WU3I (02), W3RM (02),
W3BBB(03), N3MT (03),
N3XKE (02), W3AOK(03),
W3WF (A)**

The club meets at 7:30 PM on the second non-holiday Wednesday of every month at The Franklin Institute Science Museum, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street or the parking garage on 21st street.

All visitors are welcome!

License Examinations

are held on the first non-holiday Thursday of every month at The Franklin Institute Science Museum. Registration finishes at 6 p.m. Doors close at 6:30 PM-SHARP!

Club Stations

W3AA – The club sponsors this **world-class demonstration station** at The Franklin Institute Science Museum. and welcomes all licensed amateurs to operate.

Trustee: WU3I

Manager: W3STW

email: w3aa@phil.mont.org

packet BBS: 144.99 MHz

w3aa@w3aa.#sepa.pa.usa.noam

W3EM – Field Day and special events station – **Trustee W3VVS**

W3QV – Club Repeater

Ridge & Port Royal Avenues, Philadelphia, PA

Trustee: W3BBB

147.03 MHz + PL 91.5 Hz

444.80 MHz rx PL 186.2 Hz

Club Simplex: 147.51 MHz

Sunday Morning Net Schedules

- **2 Meter Net** at 09:30et on W3QV repeater
- **10-on-10 Net** at 10:00et 28.393 MHz USB (±QRM)
- **75 meter Net** at 10:20et 3.993 MHz LSB

From W3TKQ to W3AA to a Half-Century Timeline

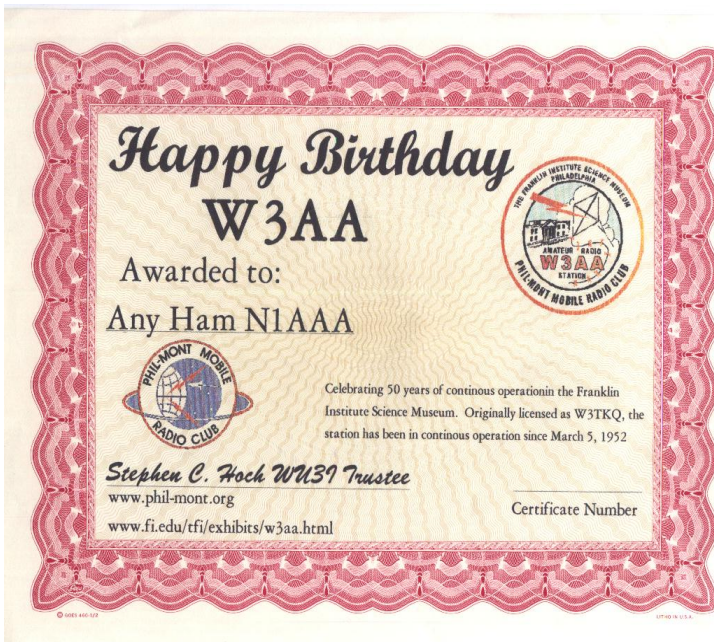
- **1950**–Dr. Wynn LePage (Franklin Institute Executive Vice President becomes **W3QCV** with Fred Shaw **W3ADV** as his Elmer
- **1951**–**W3QCV** proposes that the Haverford Township Emergency Net sponsor an amateur radio station at the Institute, **W3ADV** becomes first trustee of **W3TKQ**
- **April 1952**–**W3TKQ** begins operation on 2m and 10m home-built equipment
- Mason Frankenfield **W3PBR** begins operating **W3TKQ** (when not running the regular Man-Made Lightening demonstrations–now *that's* QRN!)
- **1954**–Hallicrafters donates a new receiver. A Johnson Viking 1 and Mosely Tri-Band beam are obtained
- **1960**–**W3QCV**, now President of the Franklin Institute, suggests the larger, more active Phil-Mont Mobile Radio Club take over the station, and begins having it's meetings at the Institute.
- **1962**–The Institute provides space and donates construction money for a new glass-enclosed, air-conditioned station. Phil-Mont founding member Jim Spencer **W3BBB** (then **W3QQH**) designs and build the new station, housing complete radio equipment donated by Collins Corporation.
- **1975**– Rolland Madara, **W3PWG** becomes station trustee
- **1982** – FI Liaison John Tinaglia, **W3AWH**, leads a renovation campaign, Collins equipment replaced with donations from R.L. Drake
- **1986** – **W3TKQ** moves to "temporary" location on the fourth floor
- **1990** – Jake Kovalchek **AK2I** is appointed "special liaison", with assistance from ARRL Atlantic Division Vice-Director Kay Cragie **KC3LM** mount a campaign to head-off a move to close the station as an exhibit. Jake is honored as Atlantic Division Amateur of the Year for 1991. Kay is now **WT3P** and a national Executive Vice President of the ARRL
- **1994** – Steve Hoch **WU3I** becomes Trustee
- **1996** – Station call becomes **W3AA**, to honor Harold Fox (SK).



*Fred Shaw W3ADV
W3TKQ founding trustee*



*Rollie Madara, W3PWG
W3TKQ Trustee 1975–1994*



W3AA Equipment List

- AEA PK 232 TNC
- Alinco 1200 packet transceiver on BBS with PC clone running MSYS version 1.13 software
- Cushcraft 6m Ringo
- Drake R-8 receiver
- Icom 970 dual band all mode 144/440 MHz Satellite with Quick Track and Kansas City Tracker on PC clone
- Kenwood 950 SDX HF transceiver
- Kenwood PC1A phone patch
- Kenwood SM-230 station monitor
- Kenwood TL-922 amplifier
- Kenwood TM-221 ATV intercom
- Kenwood TM-2550 2m transceiver
- Kenwood TM-3530 220 MHz transceiver
- Kenwood TS-570S HF plus 6m transceiver
- MFJ 1278 TNC on BBS
- Midland 13-505 dedicated transceiver
- Midland 13-510 144 MHz transceiver on packet radio
- with Kantronics Kam TNC
- Panasonic video camera for SSTV
- PC clone with cards for SSTV from Pasokan and Color Eyes Video Digitizer Frame Grabber
- Rupp digital power SWR meter
- Ten-Tec Omni VI HF transceiver
- Ten-Tec tuner
- Wyman Electronics WR450 ATV transceiver with JVC video camera
- Yeasu FT-7400 440 MHz transceiver

Antennas:

- ATV 432 beam
- Carolina Windom HF
- CushCraft AR270 144/440 MHz FM
- CushCraft Ringo Ranger II 144 MHz FM
- CushCraft Ringo Ranger II 220 MHz FM
- Dipoles for 75, 30, and 80 meters
- Hustler G6 144 MHz FM
- HyGain Oscar Pak antennas for 144 and 440
- Mosley Pro 67B 10-40 meters
- Telrex 4-element 6m beam

W3AA marks its 50th with month-long anniversary Special Event operation

Well, here it is, Folks! 50 Years in the making, W3AA (W3TKQ) turns 50. For 50 years, in a number of locations and reincarnations, our club station has been an exhibit at the Franklin Institute for the last 5 decades continuously.

For the **entire month of March** we will be operating as a **Special Event Station**. The primary operating frequencies are

28.393 MHz
21.350 MHz
14.230 MHz (SSTV)
7.240 MHz

The station will be on the air daily during museum hours of 0900-1700 EST. Of course, contacts on repeaters count also.

For a Certificate and QSL Card please send an SASE to

WU3I Stephen Hoch
4638 Oakland Street
Philadelphia, Pa. 19124-3126

or directly to the Station.

There will be a separate Log Book at the station just for this Month and all contacts must be logged!!!!

Please, if you want a certificate, remind the operator to put your contact in the Log Book.



PMRC FD 2002 Planning Contin- ues

From WU3I your Field Day chairman:

Well, here I am again. We have the Band Captains already signed up.

Now we need operators and help in erecting the towers on Friday. Please let me know about your FD Shirt and Pin order. I am keeping a list so don't be tardy.

As usual Joann and I will be there to cook and keep all well-fueled (not just the generators).

If you have any menu suggestions please let us know. Please remember we can only cook certain things in the field.

More next month
Steve WU3I



PMRC 2002 Field Day Band Captains

75/80m	W3AYT
40m	N3MT & W3RM
20m	K3DTC
15m	WA3NSP
10m	KE3QB
6/2m	W3AOK
Satellite/ Packet	K3XS & NG3P with W3STW on antennas and WU3I on amplifiers

2002 Field Day rules announced

The 2001 Field day rules have been announced, and rule 1 shows a significant change:

- 1. Eligibility: Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries...*

This means there will be Field Day Stations active not only in the US and Canada, but in Central and South America as well. We can expect some

interesting new stations (and perhaps a DX pile-up or two, although there is no special bonus for Field Day contacts with stations in the newly participating countries.

The hemispheric reach of this year's event is represented symbolically in

the Field Day 2002 logo, shown on this page and on Field Day shirts and pins as well. So get your orders for this year's shirts and pins in to WU3I pronto!

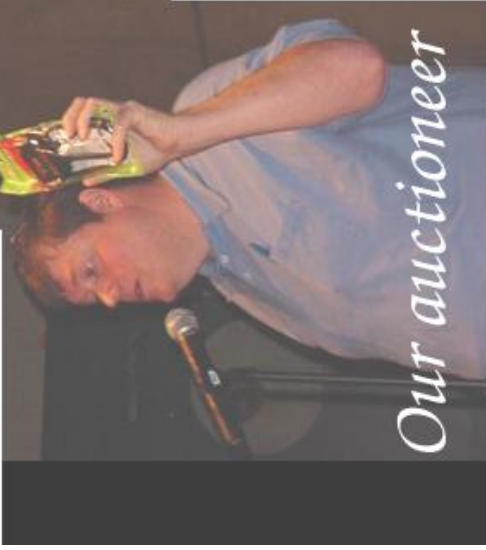
PMRC Meeting Programs

de Al W3STW

The March P.M.R.C. program will feature HARC President Robert Josuweit, **WA3PZO**. Bob will give us an insight to Ham Radio at War, a very timely subject as America continues to wage war against terrorism.

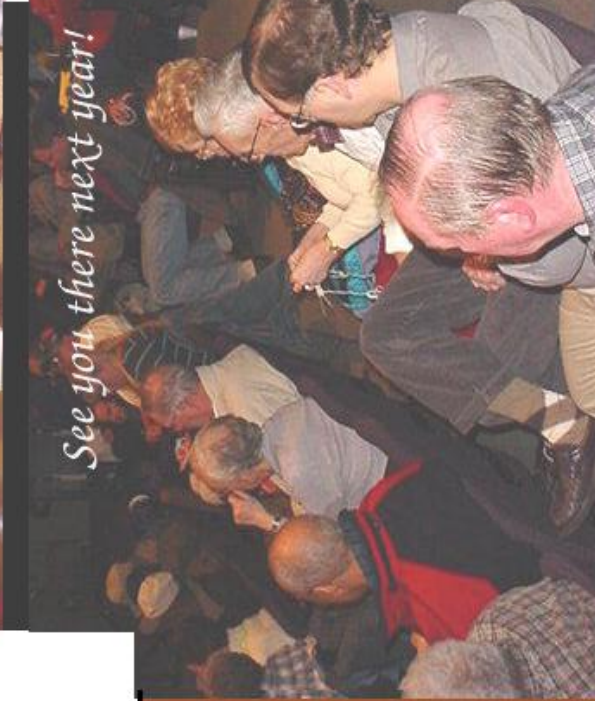
Al Tribble, **W3STW**, reports that getting club members to participate in the P.M.R.C. April HT Night is off to a good start; **WU3I**, **N3PSO**, **AA3VZ**, **N3RJC**, and **AA3UJ** have signed up. Remember, the April 2002 P.M.R.C., 'HT NIGHT' will feature presentations from club members, in good standing, about their HT, how to: program memories, access repeaters, emergency operations and radio specifications.

The best presentation, of the four above categories determined by the "Judge of Elections", will be awarded a brand new HT. Come out to the March club meeting to sign up for this April 2002 program, the chance to do so closes at the end of the March 2002 general meeting, contact any P.M.R.C. Officer at the meeting..



Phil-Mont Auctionfest 2002

Digital photos de W3KIO



Phil-Mont Board Meeting

February 6, 2002

The meeting was hosted by Bill, **W3AOK**. In attendance were Jim **W3BBB**, Dick **W3RM**, Ed **KB3IV**, Mike **N3MT**, Steve **WU3I**, Gene **N3XKE**, George **W3PXY**, Al **W3STW**, Fred **WA3KIO**, and Bill **W3AOK**. There was no treasurer's report as Mike **K2BN** was unable to attend.

Ed **KB3IV** opened the meeting. He stated that members may chat before the nets but that they are not "PRE NETS". Do check in at regular net time. Wait until calls of a specific range are asked for. This will make things easier for some of the new nets controls.

Blurb: Dick **W3RM** congratulated Maggie **K3XS** and her partner Gwen **NG3P** for taking on the Blurb editing job. [ed: --yes, I was there too!] The usual date will remain for getting articles in. There was a discussion about damage done to the Blurbs during mailing. It will be looked into.

New Member:

Steve Pavlou **KC2HGC** from Wildwood, NJ was voted on as a new member. A motion was made to accept him. Welcome Steve.

A discussion was held to discuss complimentary Blurbs. At present he club has no provision to handle it. For now it was tabled.

Mike **N3MT** is planning a DX column to be published when needed. The 2002 scholarship application is out and the Claude H. Haring Memorial Scholarship funded by Philmont is in it.

Programs: Al **W3STW** has planned April's general meeting as HT night. A discussion was held on giving a new HT as a prize for the best presentation on a member's HT. More will be announced on this. February will be pizza night sponsored by the MS Society.

March will feature guest speaker Bob **WA3PZO** with his presentation, *Ham Radio At War*.

Steve **WU3I** stated that due to a scheduling conflict at the Institute, the May meeting will have to be moved, the day to be determined.

Field Day: Steve **WU3I** is checking with the band captains. Shirts and pins will be available from the ARRL.

The board discussed a letter to be sent from Marc **WA3CRM** to members in the Institute area looking for local volunteers.

Website: Steve **WU3I** stated that the domain name would be switched to Steve's name before the next bill. A special event page has been added to the website to mark the 50th anniversary of **W3TKQ/W3AA**. which has also been listed on the ARRL special event page.

Jim **W3BBB**: The Southampton site is secure. In center city, we will probably be moving the equipment to another area in the building. We also now have the crystal needed for the 440 transmitter.

Ed **KB3IV** stated we are looking for ideas for holding the mid-month meetings. One suggestion was the Naval Depot. The next meeting will

be hosted by Ed **KB3IV** and Sharon **N3GLU**. We are covered until summer.

George **W3PXY** is looking to dispose 3 and a half-inch floppy discs with the donations going to Philmont. Contact George if needed. At this time the meeting was adjourned.

73 de **WA3KIO**

PMRC General Meeting

February 13, 2002

Charlye **K3CJ** reported 30 in attendance. Ed **KB3IV** called the meeting to order. **Dues are due now.**

Steve **WU3I**: The Kenwood 950 is on its way to be repaired.

March will be Special Event Month. **W3AA** turns 50 with 50 continuous years of service. There will be a special logbook for the month of March. All contacts must be in it to be eligible for certificates. We have HF and six meters on line and also two HF capable rigs. We have added MFSK and Hellschreiber to the digital modes already available. Everything else is working.

Field day will be in the Blurb with a list of band captains. Steve has also hooked up with International Museum Weekend, which occurs the first weekend in June. Tee shirts and pins can be seen on the website. See Steve if interested.

Ed **KB3IV**: Nets are running fine. See Ed if you would like to participate in being a net control. Please support the nets and check in.

Mike **N3MT** Youth committee: An

application is in for a new member David Staples **KB3HIU**. Mike will be band captain for 40 meters. Do come out for field day.

Ed introduced our new editors Maggie **K3XS** and Gwen **NG3P**.

Charlie **W3WF**: MS walk and 150 forms are out and are available on the Philmont website.

Dick **W3RM**: You can make your tax-deductible donation for our new scholarship program for hams administered by the Foundation for Amateur Radio. The scholarship is funded for 2002. We are looking for funding for the next year.

Al **W3STW** has tickets for the 50/50. Carl **WB0CPR** thanked the participants for their roles in the MS150.

HT night will be at the April meeting. Come out and participate. Try to win a new HT. Do a presentation on your HT on the following categories.

1. Programming memories on your HT.
2. Accessing repeaters with your HT.
3. Emergency operations.
4. Radio specifications of your HT.

Give a nice presentation and win. Winner of the 50-50 was Steve **K3PHL**.

Al **W3STW** introduced our guest speaker Kristina Francel from the MS Society and everyone enjoyed pizza.

73 de **WA3KIO**

New Packet TNC operational on Space Station

A new packet "terminal node controller" (TNC) has been placed in operation on the International Space Station *Alpha*, continuing a series of expansions and improvements to the ARISS amateur radio station on board the first permanent human habitation in space.

In a spacewalk earlier this month, astronauts installed the first of a

series of new antennas designed and constructed by the ARISS project specifically for amateur radio use. Operations up to this time were conducted using an antenna left

over from a completed Russian experiment.

The new TNC has taken over for the original unit whose configuration parameters had been lost when

an internal battery failed. The new TNC has its configuration parameters stored in a permanent memory that does not require a battery.



What does a packet QSO via the Space Station look like?

Here's excerpts from some data transmitted from the new TNC aboard the ISS on Friday, February 22:

K5OE>CQ,RS0ISS*/V: <<UI>>:=2945.80N/09541.98W/- Houston, Texas
(an APRS format position report from Jerry K5OE)

K5PK>QSX,RS0ISS*/V: <UI>:Hi Jerry
(K5PK sends a greetings to Jerry)

K3XS>CQ,RS0ISS*/V: <UI>:>FN20hd/- k3xs@amsat.org Maggie
K3XS>CQ,RS0ISS*/V: <UI>:Hiya Jerry!
(And Maggie K3XS chimes in with a report of her own and a wave to Jerry)

KB8KPV>CQ,RS0ISS*,EN75MH/V: <<UI>>:hello all
(KB8KPV joins the fray, and then..)

N4ZQ>QST,RS0ISS*/V: <<UI>>:Nice to have a REAL Callsign-Congrats to All.. (N4ZQ adds a comment, then sends a command to have the TNC display a list of callsigns it has heard, which includes:)

RS0ISS-1>N4ZQ/V: <<I31>>:K3XS USER 02/02/22 22:57

And once the data dump is over, Jerry has a chance to reply:
K5OE>CQ,RS0ISS*/V: <<UI>>: Hi Maggie!

VE Examination Sites

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must show two other types of ID. Bring the original, and a copy of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 2001 test fee is \$10.00.

TELFORD, PA Paul Craig,
Jr. - 215-536-4659

-n3ysi@arrl.net

Third Monday of the month.
Testing starts promptly at 6:30 pm.

WARMINSTER, PA Tom
Michaud, WA3TQJ, 215-
343-3494

WILMINGTON, DE Giselle
Wells, 302-478-2757

**THE FRANKLIN
INSTITUTE** Monthly, 1st
Thursday Dusty Rhoads,
ND3Q. 215-879-0505, day.
215-448-1139 24-hours.
Doors open at 6PM and close
sharply at 6:30 PM.

BELLMAWR, NEW JERSEY Diane
Nafis, 856-227-6281. Testing is the
third Thursday of the month at 6:30 PM.
They meet at the Bellmawr Municipal
Complex, Browning Rd. and Lewis Ave.,
one block off Black Horse Pike, Route
168.

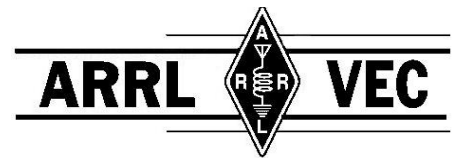
BRISTOL, PA George LeNoir, 215-
943-4886

LEVITTOWN, PA David L. Heller,
215-946-1040

Upcoming Public Service Opportunities!

MS Walks:

- April 21:** Ridley Creek State Park
Moorestown (NJ) H.S.
Keer Park, Downingtown PA
- April 28:** Elmwood Zoo, Norristown PA
- May 5:** Philadelphia Museum of Art
Tyler State Park
Main St, Voorhees NJ
Boardwalk, Atlantic City NJ
Valley Forge (PA) State Park
- September 28-29:** MS150 City to Shore Bike Tour
- December 1:** Brian's Run



195th Monthly Phil-Mont VE Exam

Session Statistics for February, 2002

Twelve candidates took sixteen
elements, and we had seven
upgrades and five new hams. The
VE team was chaired by Dusty
Rhoads **ND3Q**, and the other
participating VEs were :

Jeff Kerber **N3VE**,
Jim McCloskey **NS3K**,
Bob Freer **W3YLT**,
Pete Butler **WB2B**

Upcoming Exam Sessions:
March 7, 2002, April 4, 2002,
May 2, 2002



Don't forget!

2002 License Expirations:

April-**K2BN** July-**AA3BB**
August-**KE3QB**
October-**W3CH**, **KB3AFH**
December-**KA3EIP**

Rejoined: Paul Bergsman **N3PSO**

March Birthdays

03 Elaine Spencer (XYL **W3BBB**)
Dave Witkowski - **N3KGG**
09 Fayette Toren (XYL **N2MT**)
11 Gale Ackerman (XYL **N3DO**)
14 Peg Lamberti (XYL **KE3NP**)
15 Dottie Scialdone-Maresca -
K3YPH
16 Susan Vece (XYL **W2AJV**)

18 Ed Losco - **N3DLV**
21 Ben Roeshman - **W3LKI**
23 Henry Platt - **W3UI**
25 Perry Blum - **W3PTB**
27 William (Red) MacKenzie -
W3RED
28 Steve Rubin - **KB3CFS**
Barbara Stein (XYL **KB3AFH**)
31 Ted Lada - **N3FTZ**

New Applicants

Steve Walko **K3PHL** (adv)
PO Box 45664
Philadelphia PA 19149-5664
Product Support Specialist
Home: 215 728 0402
Work: 215 988 1550 ext 23
k3phl@hotmail.com
Committees: Repeater, Field Day,
Club Web Site

David Staples **KB3HIU** (tech)
8364 Glen Rd, Elkins Park PA
19027-1509
Student
Home: 215 886 3914
Committees: emer. coord. skywarn
W3AA, youth

(Membership Stats will resume in April)

Last Call!

If your dues are not paid by the end of February, your name will not appear in the 2002 PMRC directory, and you will no longer receive the Blurb...

March 2002	
Fri 01	
Sat 02	
Sun 03	NCS: 2m: K3XS 10m:W3AA 75m W2AJV
Mon 04	
Tue 05	
Wed 06	PMRC Board of Directors Meets
Thu 07	Licence Exams --6pm see page 2
Fri 08	
Sat 09	
Sun 10	NCS: 2m: KB3FHF 10m:W3AA 75m WA3KIO
Mon 11	
Tue 12	
Wed 13	PMRC Regular Monthly Meeting
Thu 14	
Fri 15	
Sat 16	
Sun 17	NCS: 2m:KB3IV 10m:W3AA 75m:KB3IV
Mon 18	
Tue 19	
Wed 20	
Thu 21	
Fri 22	
Sat 23	
Sun 24	NCS: 2m:WB3KOJ 10m:W3AA 75M:NG3P
Mon 25	
Tue 26	
Wed 27	
Thu 28	
Fri 29	
Sat 30	
Sun 31	Easter Sunday

First Class Mail

The Phil-Mont Mobile Radio Club, Inc
641 Kismet Road Philadelphia PA 19115

The Blurb